PRACTICAL ESTIMATIONS

תיאור הקורס

Estimating is often a challenging competence within projects developing complex systems. Often this is caused by the application of inappropriate estimation methodologies, leading to severe consequences such as projects running out of budget prior to their planned completion.

This course establishes a profound fundament through the various phases and why different viewpoints on the numbers are necessary. Learn the different techniques and how to apply each within the lifecycle phase. Learn who to involve and when, how risk management comes into play and the importance of documenting the right assets at the right point of time.

In addition, the various psychological aspects involved with estimating are covered during the course.

תוצאות הלמידה

☐ Fundamental understanding about estimations. Purpose, Motivation, error sources
☐ Understand the psychological challenges of Estimation
☐ Fundamental understanding of stakeholders involved
☐ Know what to expect from different estimators
☐ Understand different estimation phases

- Know major estimation techniques and their application
- Understand the Estimation recipe - what belongs into an estimation and what to document
- Apply Risk and Assumptions Management to Estimations

למי מיועד הקורס

- Engineers
- Team Leads
- Project Managers
- Engineering Leaders
- Integration, Verification & Validation Engineers
- Product Owners

מחירי הקורסים

Early Bird Rates: 1,350 CHF. Regular Rates: 1,500 CHF

משך הקורס

2 days

המרצה

Oliver Fels

Oliver Fels has been the first independent European speaker at the 1997 JAVAOne conference and the first independent to speak three years in a row.

Since then, Oliver Fels has been working in major industries developing complex systems, filling various roles - as a project manager, department lead, systems engineer, architect, product owner, requirements and methodology engineer, and more.

As a leading systems engineer, he supported revolutionize the Zürich public transport system, being responsible for the new passenger information concept.

In a department lead role, he redesigned hands-on the first and business class sections for the 21st century of various international airlines.

With his high interest for sustainability and renewable energy, Oliver was also an active member of the Solar Impulse 2 project, the first solar flight around the world accomplished by Swiss entrepeneur and pioneer Bertrand Piccard.

Oliver is currently actively supporting sustainability and renewable energy projects using blockchain technology and is the inventor of the sustainability engineering methodology, which uses system engineering principles to aid enterprises structuring their sustainability strategies.

Oliver has held several speeches and international workshops in the area of systems engineering, IT security, and software development as well as coached engineers in leadership, requirements engineering, and other topics.

Having worked in various diversity environments, he highly emphasizes an intercultural and interoperational approach to working with people in which individualtiy and empathy are highly valued. As such, bringing his broad expertise to a wider audience is an important passion for him.

Oliver holds an egineering degree in computer science and electrical engineering.